



The Hashemite University - Department of Architecture  
Architecture Design VI - Spring 2019

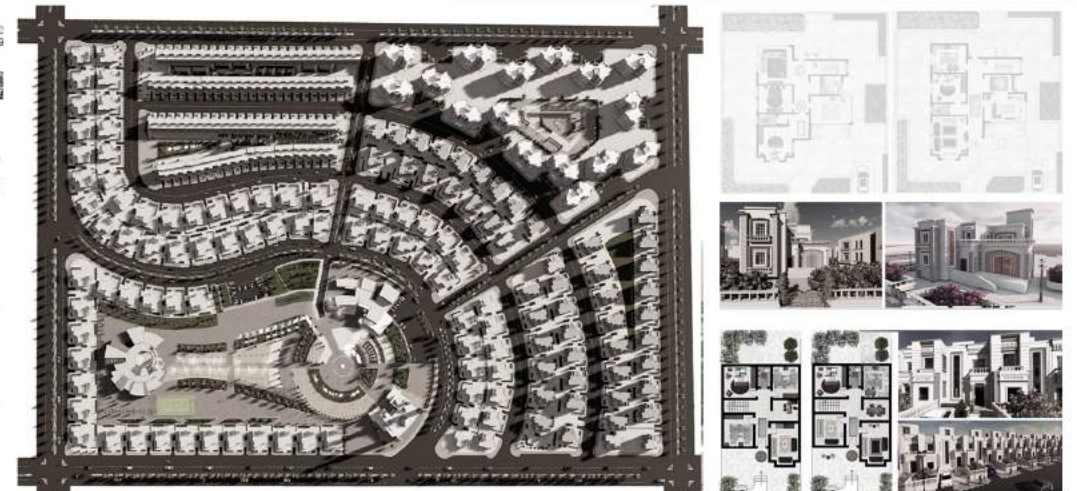
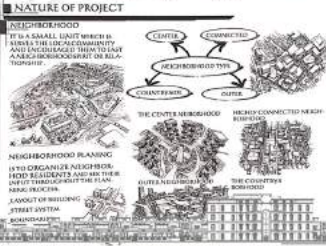
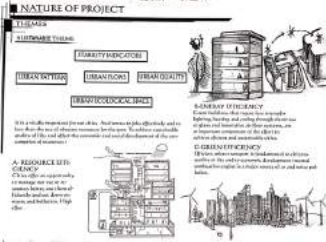
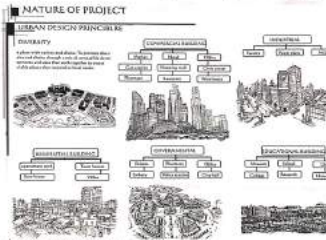
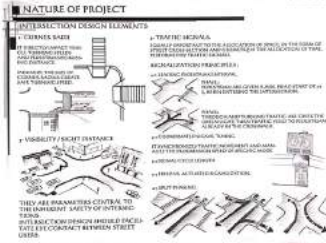
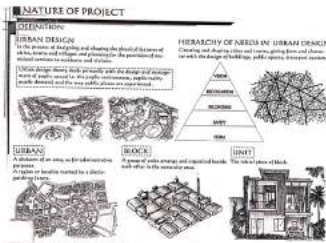
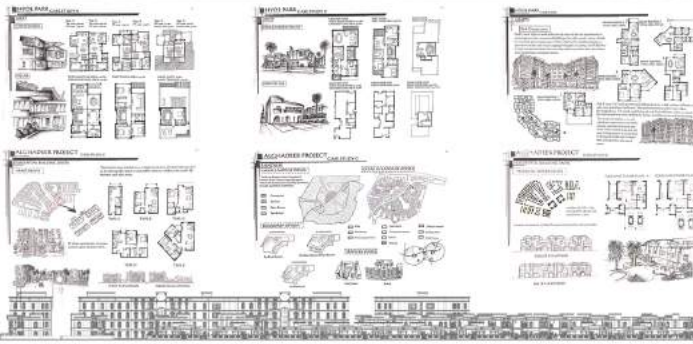
Project: Housing Project

St. Name: Aya AlBitar

Supervisor: Dr. A. Al-Husban, Arch.E.Khassawneh, Arch.L.Shaqra



This course introduces students to the field and practice of urban design project throughout one full semester project (Housing Project). Urban design is the process of designing and shaping cities, towns, and villages, whereas architecture focuses on public spaces, whole neighborhoods and districts, and entire cities to make urban areas functional, attractive, and sustainable (to create the "public realm"). The urban design blends architecture, landscape architecture, and city planning together to make the urban areas functional, attractive, comfortable, animate, stimulating, and safe and to create the community identity.







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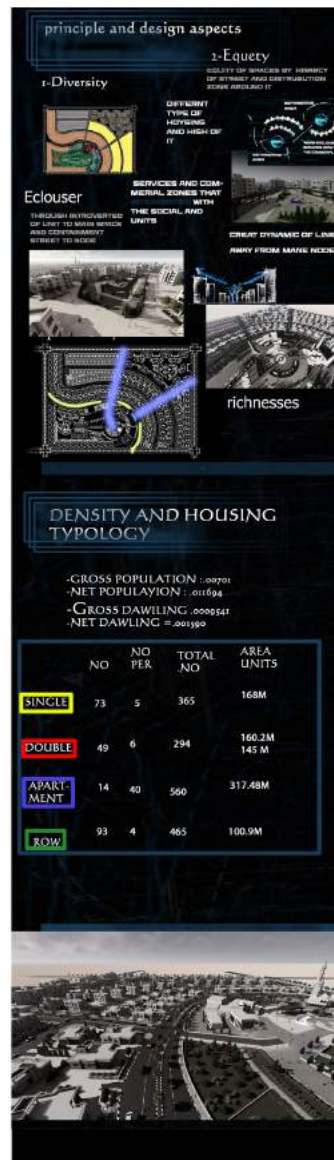
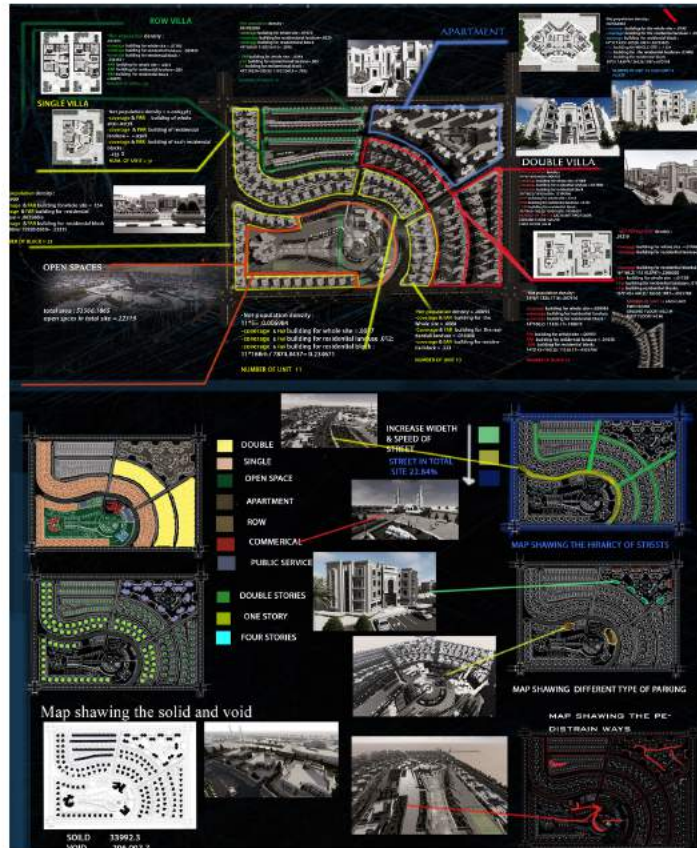
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# The Hashemite University - Department of Architecture

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Project: Housing Project

St. Name: Dana M. AlDeiri

Supervisor: Dr. A. Al-Husban, Arch. E. Khassawneh, Arch. L. Shaqra



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## CONCEPT (1): (ENHANCING THE SOCIAL COMMUNICATION)

The individual's need to communicate with groups is a basic need for a particular stage where his privacy must be maintained at the same time

### I WANT TO CREATE:

A neighborhood that embraces the residences, as well as near by communities, and to strength connection between the people and their land.

### HOW TO ACHIEVE THAT?

• Emphasizing the interaction between buildings and nature, create SOCIAL SPACE and open ones.

## CONCEPT (2): (LIVABLE AND LOVABLE NEIGHBORHOOD)

### I WANT TO CREATE:

An active and vibrant city, which has a DYNAMIC situation - it is able to expand its functions to meet the needs & achieve the comfort and well-being of its members.

### HOW TO ACHIEVE THAT?

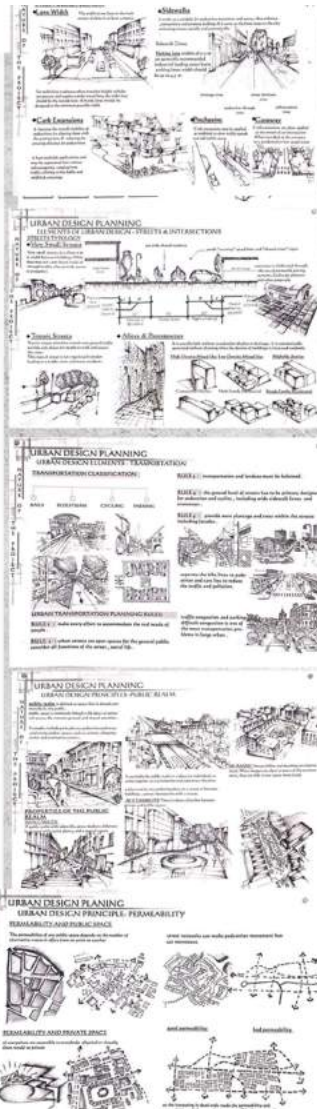
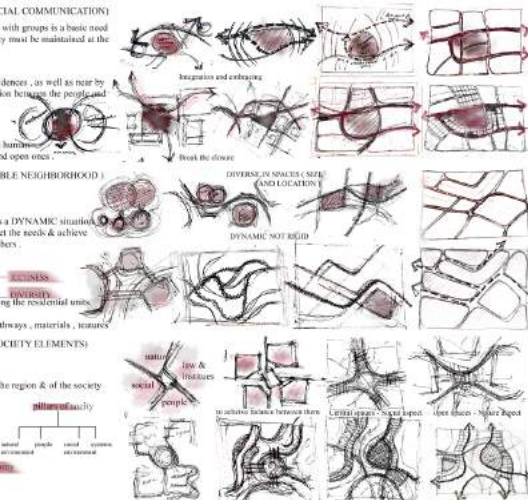
By Creating a harmony between:  
• Diversification of open spaces and among the residential units  
• increase the flow of movement  
• achieve richness among the details - pathways, materials, textures

## CONCEPT (3): (INTEGRATION OF SOCIETY ELEMENTS)

Reviving the social spirit of unity, of the region & of the society as a whole within the one region.

### HOW TO ACHIEVE THAT?

By Emphasizing on:  
• Equity, **CULTURE**, **TURNING**  
between these pillars.

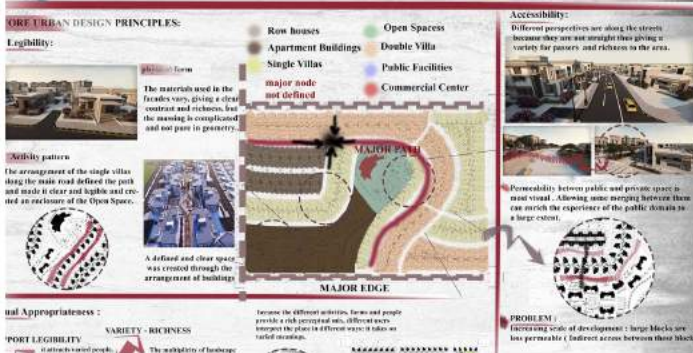
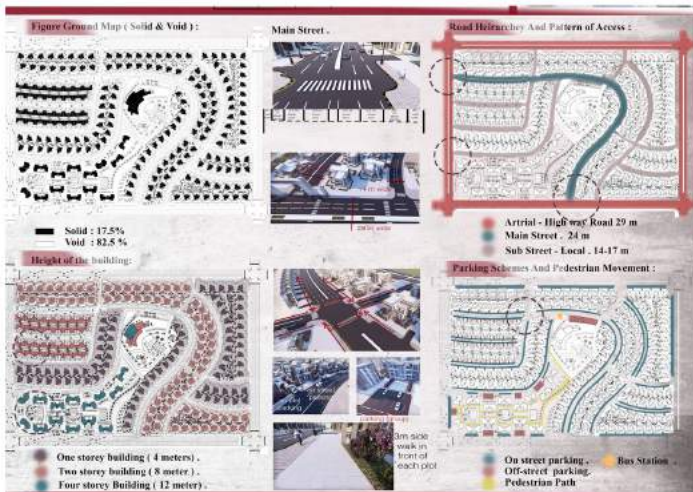
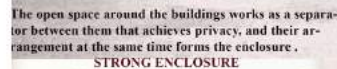
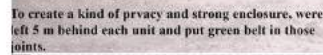
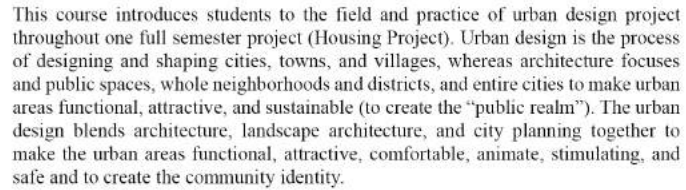






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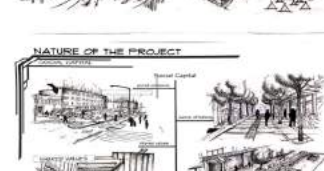
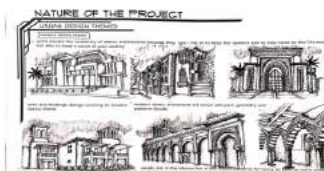
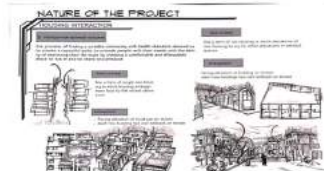
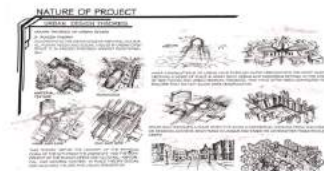
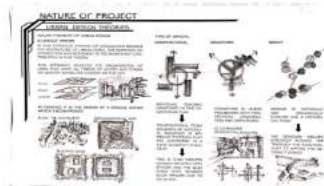
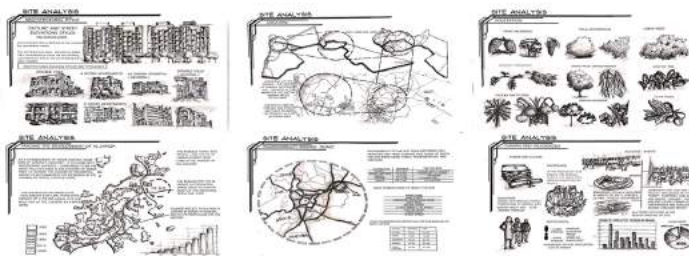
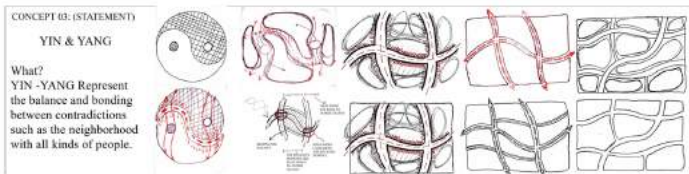
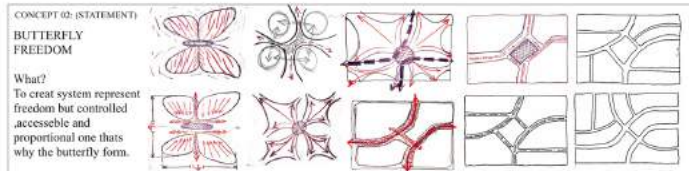
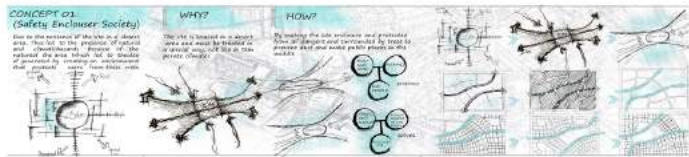
Project: Housing Project

St. Name: Laith Hamdan

Supervisor: Dr. A. Al-Husban, Arch.E Khassawneh, Arch.L Shaqra



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### Project: Housing Project

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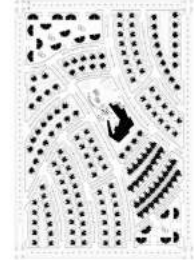
Supervisor: Dr. A. Al-Husban, Arch. E. Khassawneh, Arch. L. Shaqra



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## LAND USE AND ACCESSIBILITY

PLAN SHOWING SOLID AND VOID RATIO ACCORDING TO FIGURE AND GROUND THEORY



■ Solid (Build up space) 75%  
□ Void (Open spaces & streets) 25%

MAP SHOWING PARKING AND PEDESTRIAN



PLAN SHOWING ROAD HIERARCHY AND PATTERN OF ACCESS



MAP SHOWING THE HEIGHT OF BUILDINGS



■ Four-storey building 12 m height  
■ Three-storey building 9 m height  
■ Two-storey building 6 m height  
■ One-storey building 3 m height



■ single villa  
■ double villa  
■ row villa  
■ apartment  
■ public & civic zone

MAP SHOWING PARKING AND PEDESTRIAN



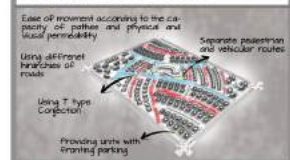
■ double villa  
■ single villa  
■ row villa  
■ apartment  
■ green area  
■ public & civic zone

## PRINCIPLES & DESIGN ASPECTS

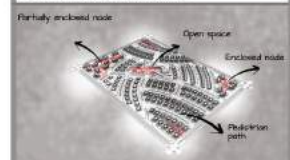
### - VARIETY & EQUITY



### - PERMEABILITY & FLEXIBILITY



### - LEGIBILITY & ENCLOSURE



## STRUCTURE







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Project: Housing Project

St. Name: Lara Samarah

Supervisor: Dr. A. Al-Husban, Arch.E Khassawneh, Arch.L Shaqra



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#### CONCEPT 01: (SEGMENTATION) among neighbors

**WHAT**  
Creating interaction between neighbors by gathering them with social stitches in the open space.

**HOW**  
- Interactive central zone with low density houses to represent the open space (that the neighbors will gather in).  
- two separated streets, divide the land into three main zones.  
- create allowable and comfortable open space -openness- the open space that will host people gathering

#### CONCEPT 02: (EXPANSION) VISION

**WHAT**  
I want to reflect the expansion that was supposed to occur as a result of the educational institution near the site (the Hashemite university)

**HOW**  
- the center of the expansion represented by central node with low density houses.  
- Frequent lines around the expansion center that represent the expansion with high density houses.  
- create allowable and comfortable open space  
- two separated streets resulted by the expansion

#### CONCEPT 03: (SEGMENTATION) in soft build environment

**WHAT**  
I want to create balance between soft and hard build environment

**HOW**  
- Visual and physical connection between built environment and open public realm  
- creating major nodes that connected these road which create soft environment  
- create sense of individuality and unity within neighborhood  
- balance between privacy and interaction in spaces

#### NATURE OF PROJECT

##### SCALES OF URBAN DESIGN

###### REGIONAL SCALE

###### URBAN SCALE

###### NEIGHBORHOOD SCALE

###### LOT SCALE

###### HOUSE SCALE

###### INTERIOR SCALE

###### PERSONAL SCALE

###### MOBILE SCALE

###### VEHICLE SCALE

###### INFRASTRUCTURE SCALE

###### LANDSCAPE SCALE

###### ECOSYSTEM SCALE

###### CLIMATE SCALE

###### BIOSPHERE SCALE

###### UNIVERSE SCALE

###### TIME SCALE

###### SPACE SCALE

###### QUALITY SCALE

###### QUANTITY SCALE

###### VALUE SCALE

###### MEANING SCALE

###### IDENTITY SCALE

###### CHARACTER SCALE

###### MOOD SCALE

###### ATMOSPHERE SCALE

###### PERCEPTION SCALE

###### EMOTION SCALE

###### BEHAVIOR SCALE

###### ATTITUDE SCALE

###### OPINION SCALE

###### CONVICTION SCALE

###### PRINCIPLE SCALE

###### THEORY SCALE

###### IDEAL SCALE

###### UTOPIA SCALE

###### VISION SCALE

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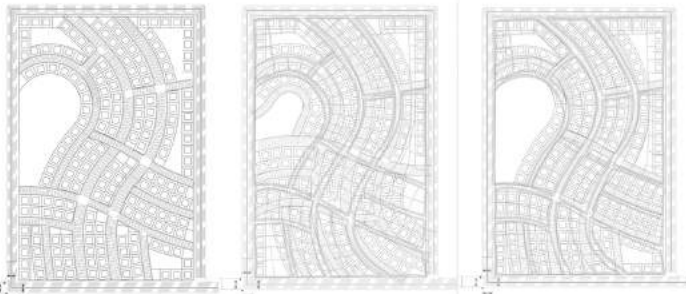
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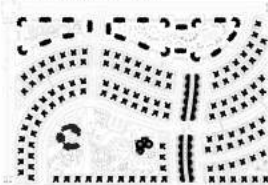


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#### LANDUSE AND ACCESSIBILITY

Plan showing solid and void ratios according to figure and ground theory



Plan showing solid and void ratios according to figure and ground theory



Map shows the height of buildings



Plan showing solid and void ratios according to figure and ground theory



#### DOUBLE FLOOR PLAN



#### DOUBLE VILLA



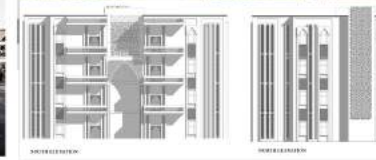
#### SINGLE FLOOR PLAN



#### ROW HOUSE



#### APARTMENT







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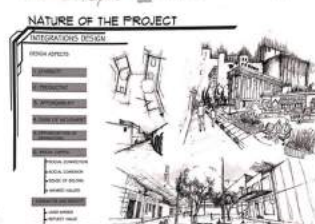
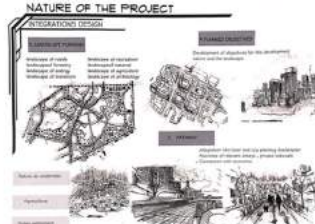
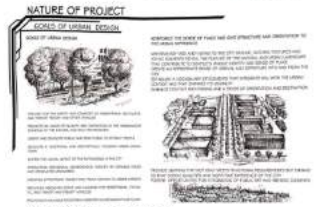
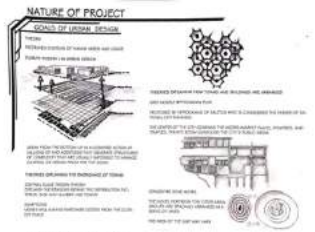
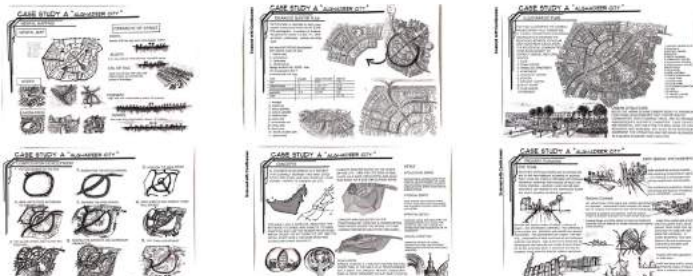
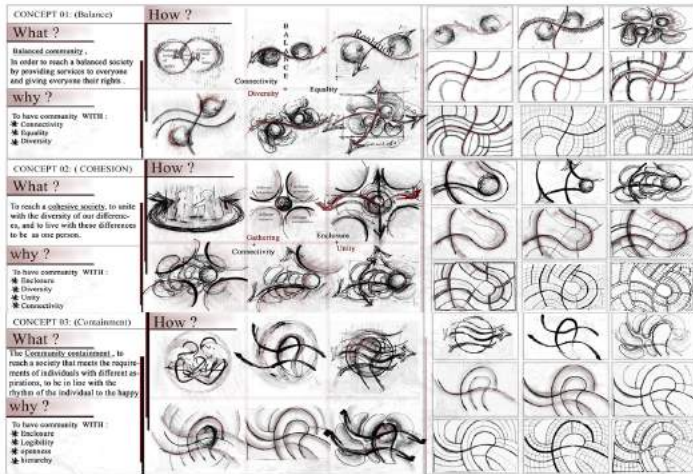
### Project: Housing Project

St. Name: Nancy AlAkhras

Supervisor: Dr. A. Al-Husban, Arch. E. Khassawneh, Arch. L. Shaqra



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#### DEVELOPMENT THINKING

sketch lines

conceptual line

2D urban plan

3D urban plan

rendering shot

